

LINO CAMPRUBÍ

Max Planck Institute for the History of Science
Boltzmannstr., 22. 14195, Berlin (Germany)
lcamprubi@mpiwg-berlin.mpg.de

ACADEMIC POSITIONS

- 2014 – **Max Planck Institute for the History of Science**
Research Scholar (equivalent to Assistant Professor) at Department II
- Spring 2016 **The University of Chicago**
Visiting lecturer at Fishbein Center
- 2012 – 2014 **Universidad Autónoma de Barcelona**
Post-doctoral research fellow of the European Research Council project *The Earth Under Surveillance* at CEHIC

EDUCATION

- 2011 **University of California, Los Angeles.** PhD in History
- 2006 **Cornell University.** Graduate Non-Degree student, STS
- 2006 **Universidad de Sevilla.** MA, History and Philosophy of Science
- 2004 **Universidad de Sevilla.** BA, Philosophy

PUBLICATIONS

Books:

La transformación de España durante la Guerra Fría (Barcelona: Crítica, 2017).

Engineers and the Making of the Francoist Regime (Cambridge, Mass.: The MIT Press, 2014).

Articles:

- with Sam Robinson, A Gateway to Ocean Circulation: Surveillance and Sovereignty at Gibraltar, *Historical Studies in the Natural Sciences*, 46, 4 (2016): 429-459.
- La Naturaleza no existe: conservacionismos y relaciones internacionales en Doñana, *Arbor* (in press).
- The Invention of the Global Environment. Essay Review, *Historical Studies in the Natural Sciences*, 46, 2 (2016): 243-251
- Resource Geopolitics: Cold War Technologies, Global Fertilizer, and the Fate of Western Sahara, *Technology and Culture*, 57, 3 (2015): 676-703.
- One Grain, One Nation Rice Genetics and the Corporate State in Early Francoist Spain (1939-1952), *Historical Studies in the Natural Sciences*, 40, No. 4 (2010): 499-531.
- Los estándares como instrumentos políticos: ciencia y Estado franquista a finales de los años cincuenta, *Empiria*, 18 (July-December, 2009): 85-114.

- Together with José María Arribas and David Pretel, Presentación, introduction to *Empiria*, 18, special issue on History, Sociology and Philosophy of Science, *Empiria*, 18 (July-December, 2009): 1-6.
- Traveling Around the Empire: Iberian Voyages, the Sphere, and the Atlantic Origins of the Origins of the Scientific Revolution, *Eä: Journal of Medical Studies and Social Studies of Science and Technology*, 1. 2 (2009): 1-19.

Chapters of books:

- with Thomas F. Glick, “Science in Spain, 19th and 20th Centuries” in *The Cambridge History of Science. Vol. VIII. Modern Science in National, Transnational and Global Contexts* (under review).
- with Matthew Adamson and Simone Turchetti, “From the Ground Up: Uranium Surveillance and Atomic Energy in Western Europe” in Peder Roberts and Simone Turchetti (eds.), *The Surveillance Imperative. Geophysics in the Cold War and Beyond* (Palgrave Macmillan, 2014): 23-44.
- El arroz del Guadalquivir: laboratorios y territorio en la construcción del Estado franquista, in Vicente Casals y Quim Bonastra (eds.), *Espacios de control y regulación social. Ciudad, territorio y poder, siglos XVII-XX* (Barcelona: Ediciones del Serbal, 2014): 323-331.
- Ni física ni industria: modelos y estándares en las ‘ciencias de la construcción’ (1934-1961), in Néstor Herran & Xavier Roqué, *La física en la dictadura. Físicos, cultura y poder en España, 1939-1975* (Bellaterra: Universitat Autònoma de Barcelona, 2012): 27-44.

Popular articles (selected):

- The Last African Colony and Moroccan Phosphate Mining, *Perspectives* (submitted).
- Interview, *Continent*. 5, 2 (2016): 37-41.
- Ciencia y filosofía, ¿un diálogo de sordos? El Tiempo de Einstein y el tiempo de Bergson, *Investigación y Ciencia* (nov. 2015): 13-14.
- with Samuel Robinson, “Ocean Science, Gibraltar, and geopolitics – then and now,” *The Guardian* (4 October 2013): *Political Science*.
- Què ha passat amb els fosfats del Sàhara Occidental?, *Directa*, 322 (June 19, 2013).
- ‘Frankie the Frog’: The Total Transformation of a River Basin as ‘Totalitarian’ Technology (Spain, 1946-1961), *Endeavour*, 36, 1 (2012): 23-31.
- El capitalismo internacional después de la Segunda Guerra Mundial desde la dialéctica de Estados, *El Catoblepas*, 98 (2010): 11.

Published reviews (selected)

- Review of Gómez, Canales and Balmer, *Science Policies and 20th Century Dictatorships* (Surrey: Ashgate, 2015), *Isis*, 107, 3 (2016): 681-682.
- Review of Erikson, Klein, Daston, Lemov, Sturm and Gordin, *How Reason almost Lost its Mind. The Strange Career of Cold War Rationality* (Chicago: Chicago University Press, 2013), *Dynamis*, 35, 1 (2015): 245-250.
- Review of Darina Martykánova, *Reconstructing Ottoman Engineers. Archeology of a Profession (1789-1914)*, (Pisa: Edizioni Plus-Pisa University Press, 2010), *Quaderns d’Història de l’enginyeria*, 14 (2014): 191-194.

- Review of Alexandra Hui, *The Psychophysical Ear: Musical Experiments, Experimental Sounds, 1840-1910* (Cambridge, MA.: The MIT Press, 2013), *El Catoblepas*, 140 (2013): 11.
- Review of Timothy Mitchell, *Carbon Democracy: Political Power in the Age of Oil* (London: Verso, 2011), *HoST*, 6 (2012): 116-118.
- Review of Sara B. Pritchard, *Confluence: the nature of technology and the remaking of the Rhône* (Cambridge: Harvard University Press, 2011), *Water History*, 3, 2 (2011): 163-164.
- Review of Guajardo et al., *Innovación y empresa: estudios históricos de México, España y América Latina* (Mexico: Solar Servicios Editoriales, 2008), *Enterprise and Society*, 11, 3 (2010): 656-658.
- Review of A. Gómez y A. F. Canales (eds.), *Ciencia y fascismo. La ciencia de posguerra española* (Barcelona, Laertes S.A. de Ediciones, 2009), *Theoria* 68 (2010): 247-250.
- Noticia historiográfica sobre ciencia y revolución francesa, *El Catoblepas*, 83 (January 2009): 20.

Translations

- With Brendan Burke: Gustavo Bueno, *Sciences as Categorical Closures* (Oviedo: Pentalfa, 2013) (from Spanish into English).
- Norton M. Wise, “La ciencia como relato (histórico)” (original in English), *El Catoblepas*, 119 (Jan. 2012): 1.
- Theodore M. Porter, “La estadística y el curso de la razón pública: compromiso e imparcialidad en un mundo cuantificado” (original in English), *Empiria* 18 (2009): 19-35.
- Jean Clottes, “Chamanismo en las cuevas paleolíticas” (original in French), *El Catoblepas*, 21 (2003): 1.

INVITED TALKS

- 2016 **Experience as Doing: ‘Observing’ the Sea Level at a Prototypical Strait.** *Experiencing the Global Environment, MPIWG* (2-3 August, Berlin).
- 2016 **Phosphorus and Technologies of the Anthropocene.** *School of the Arts Institute of Chicago* (6 April, Chicago).
- 2016 **Percepción, ciencia e historia.** *Escuela de Filosofía de Oviedo. Fundación Gustavo Bueno* (14 March, Oviedo).
- 2016 **A Global Underwater Ear: Technologies of Collective Experience and Historical Perception,** *Experiencing the Global Environment, MPIWG* (4-6 February, Berlin).
- 2015 with Alexandra Hui, **Testing the Underwater Ear: Hearing, Standardizing, and Classifying Marine Sounds during the Cold War,** *Knowledge, Technologies and Mediation: A Workshop in Honor of Norton Wise, UCLA* (17 October, Los Angeles).
- 2015 **Who owns the world’s fertilizer? The geopolitics of finding, moving and selling phosphate,** *The Technosphere Now, Haus der Kulturen der Welt* (2 October, Berlin).
- 2015 **La invención del medio ambiente global,** *Hombre y Cosmos, Universidad de la Rioja* (22 July, Santo Domingo de la Calzada).
- 2015 **A Gateway to Oceanic Circulation: Submarine Surveillance, Oceanography, and the Contested Sovereignty of Gibraltar,** *MPIWG, Dept. II Colloquium* (18 June, Berlin).
- 2015 **Doñana: el mito de la Naturaleza.** *Escuela de Filosofía de Oviedo, Fundación Gustavo Bueno* (26 January, Oviedo).
- 2014 **Surveillance, oceanography and the NATO.** *Science and Technology at NATO. University*

of Manchester (26 Jul, Manchester)

- 2014 **Domes, models and silos as functional representatives of the Francoist state.** L'Inscription spatiale des sciences et ses enjeux: Expositions, Dispositifs, Architectures (26-27 May, Paris)
- 2014 **La energía nuclear: perspectivas históricas.** *Los costos de la energía nuclear*, Instituto de Historia de la Medicina y de la Ciencia López Piñero (8 May, Valencia).
- 2014 **Gibraltar: vigilancia, oceanografía y diplomacia.** *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno (17 February, Oviedo).
- 2014 **Migraciones y endemismos: ideas e instituciones en el Parque Nacional de Doñana.** *Ciencias e ideologías en los parques naturales españoles*, Institut d'Estudis Catalans (30 January, Barcelona).
- 2013 **Diplomacy and Cold War Oceanography in Gibraltar.** *Ciclo ciencia y franquismo*. Universidad Autónoma de Barcelona (20 December, Barcelona).
- 2013 **¿La ciencia como cultura?**, *El Reino de la Cultura*, Universidad de la Rioja (July 17, Santo Domingo de la Calzada).
- 2013 **Energía nuclear: apocalipsis, utopía y filosofía**, *X Encuentros en el Lugar* (April 6, Carrasposa de la Sierra).
- 2013 **Geología y geopolítica: fosfatos y la recolonización del Sáhara Occidental**, *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno (Feb. 26, Oviedo).
- 2012 **The Engineer's "Redemption of Spain:" science, autarky, and the landscape in early Francoism.** *Ciclo ciencia y franquismo*. Universitat Autònoma de Barcelona. (October 22).
- 2012 **The political economy of autarky and the materialization of the corporate state,** *Workshop on Political Economy and the State*, Cambridge University (July, Cambridge).
- 2012 **Ciencia, tecnología y Estado en la España de Franco**, *Escuela de Filosofía de Oviedo*, Fundación Gustavo Bueno. (March, Oviedo).
- 2011 **Ni física ni industria. Modelos y estándares en las 'ciencias de la construcción,' 1934-1961**, *Simposio Historia de la Física en España en el siglo XX: balance y perspectivas* (Dec., Barcelona).
- 2010 **Paco el rana: política de presas e investigación científico-técnica en el primer franquismo**, *Consejo Superior de Investigaciones Científicas* (11 Feb, Madrid).
- 2009 **Laboratories and Models for Early Francoist Political Economy**, *Places of Modern Science: Situated Laboratories, Dispersed Artifacts, Host*, 4th Annual Workshop (Dec., Lisbon).

CONFERENCE PRESENTATIONS

- 2016 **Underwater sounds and Spain's Participation in the Golden Age of Capitalism**, 7th ESHS (22-24 Sept., Prague).
- 2016 **Detection Systems: Mediterranean Surveillance of the Environment and Refugees**, 4S-EASST (31 Aug. -3 Sept., Barcelona).
- 2016 **Phenomenotechniques: Individual perception, collective experience, and the history of technology**, SHOT Annual Meeting (22-26 June, Singapore).
- 2016 **Gibraltar: oceanografía militar, soberanía, y los pactos del 53**, *IX Encuentro Investigadores del Franquismo* (10-11 March, Granada).

- 2015 **Science in the Flesh: The Epistemological Role of Bodily Sensations and Operations in 20th Century Oceanography**, *5th Conference European Philosophy of Science Association* (23-28 Sept. Düsseldorf).
- 2015 **The geopolitics of self-sufficiency**, *7th Tensions of Europe Meeting* (3-6 Sept. Stockholm).
- 2015 **Sound Surveillance System: the Geopolitics and Science of Anti-submarine Warfare**, *The Society for Historians of American Foreign Relations* (25-27 June, Washington D.C.).
- 2014 **Biologists in Conflict**: Transnational Ornithology and agricultural development in the Andalusian marshes, *6th European Society for the History of Science* (4-6 Sept, Lisbon).
- 2014 **Swedish Andalusia: Bird Migrations and International Organizations**, *9th Science and Technology in the European Periphery* (1-3 Sept, Lisbon).
- 2014 **Laboratorios y territorio: ingenieros en la construcción del Estado franquista**, *XIII Coloquio Internacional de Geocrítica* (5-10 May, Barcelona).
- 2014 **Engineering as Cultural Hegemony: from a History of Francoism to a Historiography of Gramsci**, *Science as Cultural Hegemony: Gramscian Concepts for the History of Science* (22-24 January, Barcelona).
- 2013 **Resource geopolitics: geophysics, the Cold War phosphate market, and the (re)colonization of Western Sahara**, *SHOT Annual Meeting* (Oct. 11-13, Portland, Maine).
- 2013 with Samuel Robinson **"Underwater turbulences: Cold War oceanography and the contested sovereignty of the Strait of Gibraltar,"** *Tensions of Europe. Democracy and Technology* (Sept. 19-21, Paris).
- 2013 **Resource geopolitics: geophysics and (re)colonization in Morocco and the Sahara**, *24th International Congress of the History of Science, Technology and Medicine* (July 22-27, Manchester).
- 2013 **Autarky and the internal colonization of early Franco's Spain**, *8th meeting of the International Water History Association* (June 25-28, Montpellier).
- 2013 **Peripheral metropolises and agrarian landscapes: phosphates and the (re)colonization of Western Sahara**, *Shaping Landscapes and Building Expertise* (Mar 10-13, Lisbon).
- 2012 **An atomic push: prospecting uranium and phosphates in the Spanish Sahara (1945-1975)**, *5th European Society for the History of Science Meeting* (Nov. 1-3, Athens).
- 2012 **Transnational nationalism: sources and displays of Spanish autarkic science, German science in Southern Europe** (Oct. 11-13, Lisbon).
- 2012 With Simone Turchetti and Matthew Adamson: **From the Ground Up. Uranium Prospection in Western Europe**, *Cold War, Blue Planet* (June 27-29, Manchester).
- 2012 **El paisaje híbrido Guadalquivir-Sueca: circulación de semillas y Estado corporativo (1936-1952)**, *Seminario Historia Medioambiental en España* (Apr., Granada).
- 2010 **The Total Transformation of a River and the Limitations of Totalitarianism**, *SHOT Annual Meeting* (Sept–Oct, Tacoma).
- 2010 **Where Technology and Religion Met: National–Catholicism and Avant–Garde Architecture in Early Francoist Spain**, *STEP* (June, Galway).
- 2009 **Appetite for Destruction: The Dictatorial State, Models and the 'Sciences of Construction' in Early Francoist Spain**, *Modeling Spaces, Modifying Societies* (Oct. 7-9, Darmstadt).
- 2008 **Building a European Spain: Concrete Regulation and International Networks in the**

- 'Sciences of Construction' (Franco's Spain, late 1950s)**, *SHOT Annual Meeting* (Oct., Lisbon).
- 2008 **Traveling Around the Empire: Iberian Voyages, the Sphere, and the Atlantic Origins of the Scientific Revolution**, *Fifth Annual UCLA Department of Spanish and Portuguese Graduate Student Conference* (June, Los Angeles).
- 2007 **Coal, Cement and Design: Engineering Political Economy in Early Francoist Spain**, *History of Science Society Annual Meeting* (Washington D.C.).
- 2007 **Empresa pública y privada en la la reconstrucción de la posguerra española: los primeros años del Instituto Torroja**, *XII Encuentros de Filosofía* (June, Gijón).
- 2006 **Transforming Regimes: Continuity of Scientific Institutions in Spain (1950-1980)**, *History of Science Society Annual Meeting* (Vancouver).
- 2006 **Diseño Inteligente y complejidad**, *Complejidad* (Jan., Havana).
- 2004 **Filosofía y terapia**, *41 Congreso de Filósofos Jóvenes* (Apr, Barcelona).

TEACHING AND OTHER PROFESSIONAL EXPERIENCE

- 2016 **Visiting lecturer**, "A Global History of Cold War Science and Technology", spring quarter. University of Chicago, Fishbein Center.
- 2014 **Invited professor** to *Sound Signatures*, August 18-22. Max Planck Institute for the History of Science and New York University.
- 2012-14 **Served in various doctoral committees** at Universidad Autónoma de Barcelona.
- 2010-11 **Teaching Fellow** for Cluster Course "History of Modern Thought", including a one-quarter course of my own design: "Ways of Thinking (and Writing) About Technology." University of California, Los Angeles
- 2010 (January) **Director of contents** for the documentary film on Dar Es Salaam for pavilion "The Future of Cities" at the Shanghai International Expo 2010, *Ingeniaqed*.
- 2008-09 **Teaching Fellow** for Cluster Course "Evolution of Cosmos and Life", including a one-quarter course of my own design: "Industrial Nature: How Science, Technology and Politics Changed the World We Live In." University of California, Los Angeles.
- 2006-07 **Teaching Assistant** for "What is this thing called science?" (Prof. Eric Scerri), University of California, Los Angeles.
- 2006-06 **Research assistant** for the *Department of Marketing and Communication. Cornell University*.
- 2003-04 **Research assistant** for *Ingeniaqed*, Seville.

FELLOWSHIPS AND AWARDS

- 2015-17 Proyecto Investigación, La física y la construcción de la Europa contemporánea. Universidad Autónoma de Barcelona, P.I.: Xavier Roqué. **Min. de Economía** (Spain)
- 2013-15 Proyecto Investigación, Ciencia y poder en la España de Franco. Univesitat Pompeu Fabra, P.I.: Albert Presas. **Ministerio de Economía** (Spain)
- 2012-14 Proyecto Investigación, Física, cultura y política en España. Universidad Autónoma de Barcelona, P.I.: Xavier Roqué. **Ministerio de Economía** (Spain)
- 2012-14 The Earth Under Surveillance. Various universities. P. I.: Simone Turchetti. **European Research Council**.

2011	Dissertation Year Fellowship. University of California, Los Angeles
2011	Hoxie Bonus Fund, University of California, Los Angeles
2010	Melvin Kranzberg Fellowship (awarded yearly to one excellent dissertation project) Society for the History of Technology
2006, 9 & 10	Summer Travel Grant, University of California, Los Angeles
2009-10	Trabor Pre-dissertation fellowship. University of California, Los Angeles
2008-09	CEES Research Grant, University of California, Los Angeles
2007-08	IES Summer Dissertation Fellowship, University of California, Berkeley
2006-08	Beca doctorado. Fundación Caja Madrid
2005-06	Graduate Student Exchange Program. Cornell University–Universidad de Sevilla
2003-04	Beca colaboración. Universidad de Sevilla
2000	<i>Integration Europeenne</i> , Université de Poitiers, Intensive Programme Socrates

SERVICE TO PROFESSION

Organization of conferences: *Experiencing the Global Environment* (MPIWG, Berlin, Feb. 2016).

Organization of panels for conferences: HSS, SHOT, 4S, EASST, STEP, ESHS, and others.

Served in Scientific Committee of conferences: *Tensions of Europe*, *Water History*, and others.

Manuscript and proposal reviews for: the MIT Press, *Technology and Culture*, *Diplomatic History*, *Social Studies of Science*, *Centaurus*, *Journal of Contemporary History*, *Water History*, and others.

LANGUAGES

Oral and written fluency: Spanish and English.

Oral and written intermediate: French and German.

Reading proficiency: Portuguese, Catalan, Italian.